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HQ USAF

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FROM: HQ USAF

TO: COMDR ARDC ANDREWS AFB MD

INFO: COMDR AFBMD LOSA CALIF

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SECRET FROM AFDSD-AT. ARDC for RDRB, AFBMD for WDZY. Reference msg this Hq AFDSD-AT 70836 dtd 20 July 60. This msg in six parts. PART I. SAFUS has directed that the 12 July 60 SAMOS development plan be revised to comply with following instructions: (a) The new development plan launch schedule will contain the following provisions: (1) Three E-1/F-1 (2) Three E-1 (3) Two F-2 (4) Two E-5 diagnostic capsule flights (5) Seven E-5 (6) Seven new recoverable photo payloads (7) Five unassigned ATLAS/AGENA. Diagnostic capsule flights for the new recoverable payload, if required, are to be allocated from the five unassigned ATLAS/AGENA. (b) Buy four F-2 payloads but schedule only two. (c) Buy five E-2 payloads but schedule only three. (d) The new recoverable program will have a new recovery system, and a

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Colonel, USAF
Secretary, AFBMC (Space Systems)

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DD FORM 1 MAR 58 173 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

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camera designed for gross coverage with the best ground resolution that the state of the art will support. It should have a new recovery system of best quality that state of art will support. (e) It is imperative that the R&D program be amenable to the flexibility of switching payloads as result of early successful launches such as substitution of F-2 payload for the third E-2.

PART II. (a) Plan for maximum use of thor boosted vehicles for component tests, recovery development program, etc. The solid rocket assisted Thor proposed in the 12 July Development Plan is not to be used. (b) Maximum use will be made of Atlantic Missile Range where possible for recovery test program, water launches, etc.

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PART III. The new recoverable payload with associated stabilization and new recovery system is to be developed in a comprehensive technical development program initiated immediately through expedited source selection procedures. It is not restricted to a single concept or a single source. Paid competition for limited time may be used when applicable to enable rapid progress in selection between alternative approaches.

PART IV. OSD appointing Ad Hoc Committee to make recommendations concerning subsystem I. Guidance on this question and related questions pertaining to Denver Processing Lab and possible

use of Westover AFB must await these recommendations which are expected in three or four weeks.

PART V. It is mandatory that all program documents and presentations fully recognize that SAMOS is a national program under the executive management of the Air Force. The USIB SAMOS requirements document dated 5 July 60, as may be subsequently amended by the USIB, is the only set of intelligence requirements that pertain to the SAMOS program.

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PART VI. ARDC is directed to (a) proceed immediately with initiation of new recoverable payload and associated components and recovery system (b) Revise the 12 July 60 SAMOS development plan in accordance with instructions herein. Exclude Subsystem I and data processing and handling plans. These are to be added later as annex when new guidance permits. (c) Plan for 8 August 60 review of revised development plan by AFBMC.